



COPY OF PAPERS
ORIGINALLY FILED

#5

PTO/SB/01 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input type="checkbox"/> Declaration Submitted with Initial Filing OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Attorney Docket Number	60901-P007US-10103166
	First Named Inventor	Alexis Mendez
	COMPLETE IF KNOWN	
	Application Number	Not Yet Assigned
	Filing Date	January 30, 2002
	Art Unit	N/A
Examiner Name	Not Yet Assigned	

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

OPTICAL FIBER BRAGG GRATING TUNING DEVICE

(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) 01/30/2002 as United States Application Number or PCT International

Application No. Not Yet Assigned and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

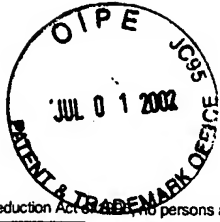
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

RECEIVED
JUL 08 2002
OFFICE OF PETITIONS



COPY OF PAPERS
ORIGINALLY FILED

PTO/SB/01 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application

Direct all correspondence to:

☐ Customer Number
or Bar Code Label

OR ☒ Correspondence address below

Name **FULBRIGHT & JAWORSKI L.L.P.**
Michael A. Papalas

Address **2200 Ross Avenue**
Suite 2800

City **Dallas**

State **TX**

ZIP **75201**

Country **US**

Telephone **(214) 855-8000**

Fax **(214) 855-8200**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name
(first and middle (if any))

Alexis

Family Name
or Surname

Mendez

Inventor's
Signature

Date

4/12/2002

Residence: City **Fremont**

State **CA**

Country

Citizenship **Mexico**

Mailing
Address:

38055 Palmer Drive

City **Fremont**

State **CA**

ZIP **94538**

Country

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name
(first and middle (if any))

Mario

Family Name
or Surname

Pacheco

Inventor's
Signature

Date

Residence: City **Fremont**

State **CA**

Country

Citizenship **Mexico**

Mailing
Address:

39034 Guardino Drive

City **Fremont**

State **CA**

ZIP **94538**

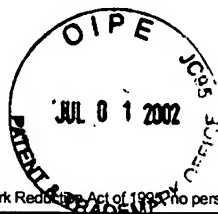
Country

☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

RECEIVED

JUL 08 2002

OFFICE OF PETITIONS



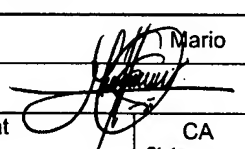
COPY OF PAPERS
ORIGINALLY FILED

PTO/SB/01 (10-01)

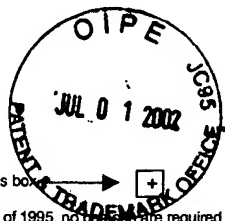
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input type="checkbox"/> Customer Number or Bar Code Label				OR <input checked="" type="checkbox"/> Correspondence address below			
Name FULBRIGHT & JAWORSKI L.L.P.							
Address Michael A. Papalas							
Address 2200 Ross Avenue				Suite 2800			
City Dallas				State TX		ZIP 75201	
Country US		Telephone (214) 855-8000			Fax (214) 855-8200		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.							
NAME OF SOLE OR FIRST INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any)) Alexis				Family Name or Surname Mendez			
Inventor's Signature				Date			
Residence: City Fremont		State CA		Country		Citizenship Mexico	
Mailing Address:		38055 Palmer Drive					
City Fremont		State CA		ZIP 94538		Country	
NAME OF SECOND INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any)) Mario				Family Name or Surname Pacheco			
Inventor's Signature 				Date 02/14/02			
Residence: City Fremont		State CA		Country		Citizenship Mexico	
Mailing Address:		39034 Guardino Drive					
City Fremont		State CA		ZIP 94538		Country	
<input checked="" type="checkbox"/> Additional inventors are being named on the <u>1</u> supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.							

RECEIVED
JUL 08 2002
OFFICE OF PETITIONS



COPY OF PAPERS
ORIGINALLY FILED

Please type a plus sign (+) inside this box ☒

PTO/SB/02A (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

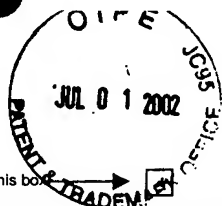
DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1
--------------------	--

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Steve		Montesanto	
Inventor's Signature		Date	
<i>Steve Montesanto</i>		2/7/02	
Residence: City	State	Country	Citizenship
Palo Alto	CA		US
Mailing Address: 3420 Orinda Street			
City	State	ZIP	Country
Palo Alto	CA	94306	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Gershon		Perelman	
Inventor's Signature		Date	
<i>Gershon Perelman</i>			
Residence: City	State	Country	Citizenship
Cupertino	CA		US
Mailing Address: 1554 Primrose Way			
City	State	ZIP	Country
Cupertino	CA	95014	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
William		Wang	
Inventor's Signature		Date	
<i>William Wang</i>			
Residence: City	State	Country	Citizenship
Pleasanton	CA		US
Mailing Address: 3071 Crestablanca Drive			
City	State	ZIP	Country
Pleasanton	CA	94566	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Jason		Zweiback	
Inventor's Signature		Date	
<i>Jason Zweiback</i>			
Residence: City	State	Country	Citizenship
Fremont	CA		US
Mailing Address: 755 Old Canyon Road			
City	State	ZIP	Country
Fremont	CA	94536	

RECEIVED

JUL 08 2002

OFFICE OF PETITIONS



COPY OF PAPERS
ORIGINALLY FILED

PTO/SB/02A (11-00)

Please type a plus sign (+) inside this box ☐

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1
--------------------	--

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Steve		Montesanto	
Inventor's Signature		Date	
Palo Alto		US	
Residence: City	State	Country	Citizenship
CA			
Mailing Address: 3420 Orinda Street			
City		State	ZIP
Palo Alto	CA	94306	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Gershon		Perelman	
Inventor's Signature		Date	
Cupertino		US	
Residence: City	State	Country	Citizenship
CA			
Mailing Address: 1554 Primrose Way			
City		State	ZIP
Cupertino	CA	95014	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
William		Wang	
Inventor's Signature		Date	
Pleasanton		2/7/02	
Residence: City	State	Country	Citizenship
CA			US
Mailing Address: 3071 Crestablanca Drive			
City		State	ZIP
Pleasanton	CA	94566	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Jason		Zweiback	
Inventor's Signature		Date	
Fremont		US	
Residence: City	State	Country	Citizenship
CA			
Mailing Address: 755 Old Canyon Road			
City		State	ZIP
Fremont	CA	94536	Country

RECEIVED

JUL 08 2002

OFFICE OF PETITIONS



COPY OF PAPERS
ORIGINALLY FILED

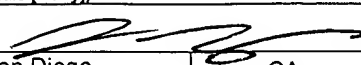
Please type a plus sign (+) inside this box

PTO/SB/02A (11-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1
--------------------	--

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Steve		Family Name or Surname Montasanto	
Inventor's Signature		Date	
Residence: City Palo Alto	State CA	Country	Citizenship US
Mailing Address:	3420 Orinda Street		
City Palo Alto	State CA	ZIP 94306	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Gershon		Family Name or Surname Perelman	
Inventor's Signature		Date	
Residence: City Cupertino	State CA	Country	Citizenship US
Mailing Address:	1554 Primrose Way		
City Cupertino	State CA	ZIP 95014	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) William		Family Name or Surname Wang	
Inventor's Signature		Date	
Residence: City Pleasanton	State CA	Country	Citizenship US
Mailing Address:	3071 Crestablanca Drive		
City Pleasanton	State CA	ZIP 94566	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Jason		Family Name or Surname Zweiback	
Inventor's Signature 		Date 4/5/02	
Residence: City San Diego	State CA	Country	Citizenship US
Mailing Address:	5370 Toscana Way #211		
City San Diego	State CA	ZIP 92121	Country

RECEIVED
JUL 08 2002
OFFICE OF PATENTS

#4

COPY OF PAPERS
ORIGINALLY FILED**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Alexis Mendez, et al.Application No./Patent No.: 10/062,577Filed/Issue Date: January 30, 2002Entitled: OPTICAL FIBER BRAGG GRATING TUNING DEVICEPhaethon Communications

(Name of Assignee)

, a

Corporation

Type of Assignee, e.g., corporation, partnership, university, government agency, etc.

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

- [] Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (*i.e.*, the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

June 24, 2002

Date

William B. Tiffany, Reg. No. 41,347

Typed or printed name

William B. Tiffany

Signature

Patent Agent

Title

Statement By Assignee to Establish Ownership (37 CFR 3.73(b))

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on the date shown below.

Dated: June 24, 2002

Signature: Joy H. Perigo

(Joy H. Perigo)

RECEIVED
JUL 08 2002
OFFICE OF PETITIONS

**COPY OF PAPERS
ORIGINALLY FILED**

Please type a plus sign (+) inside this box ☐ +

PTO/SB/81 (02-01)
Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<p align="center">POWER OF ATTORNEY OR AUTHORIZATION OF AGENT</p>	Application Number	10/062,577
	Filing Date	January 30, 2002
	First Named Inventor	Alexis Mendez
	Title	OPTICAL FIBER BRAGG GRATING TUNING DEVICE
	Group Art Unit	2874
	Examiner Name	Not Yet Assigned
	Attorney Docket No.	DO-060901/P007US/10103166

I hereby appoint:

☐ Practitioners at Customer Number →
Customer Number

OR

☒ Practitioner(s) named below:
Customer Number Bar Code

Name	Registration Number	Name	Registration Number
David H. Tannenbaum	24,745	Michael A. Papalas	40,381
Jody C. Bishop	44,034	William B. Tiffany	41,347
Michael J. Fogarty, III	42,541	R. Ross Viguet	42,203
Matthew D. Jones	44,810		
Jerry L. Mahurin	34,661		
Thomas J. Meaney	41,990		

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.
OR

☐ Practitioners at Customer Number →
Customer Number

OR

Customer Number Bar Code

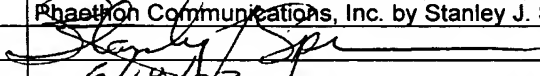
<input type="checkbox"/> Firm or Individual Name	Fulbright & Jaworski, LLP William B. Tiffany, Req. No. 41,347				
Address	2200 Ross Avenue, Suite 2800				
City	Dallas	State	TX	Zip	75201
Country	US	Telephone	214-855-8204	Fax	214-855-8200

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Rhaethon Communications, Inc. by Stanley J. Speelman, President and CEO
Signature	
Date	6/18/02

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below*.

☐ *Total of 1 forms are submitted.

RECEIVED

JUL 08 2002

OFFICE OF PETITIONS